

THE CLAIMS

A listing of the claims is reproduced below for the Examiner's convenience.

1. (Original) A solar cell module comprising at least one power conversion unit having a plurality of solar cell elements and a power converter provided in a position corresponding to a region surrounded by all the solar cell elements.

2. (Original) The solar cell module according to claim 1, wherein at least two of the power conversion units are included and each power converter is electrically connected to a power converter of an adjacent power conversion unit.

3. (Original) The solar cell module according to claim 1, wherein outputs of the solar cell elements are inputted to the power converters corresponding to the solar cell elements, and the power converters convert the inputted outputs of the solar cell elements and output the converted outputs.

4. (Original) The solar cell module according to claim 1, wherein all output terminals of the solar cell elements are electrically connected to all input terminals of the power converters corresponding to the output terminals respectively.

5. (Original) The solar cell module according to claim 1, wherein a plurality of input terminals of the power converters are provided on the same and one surface.

6. (Original) The solar cell module according to claim 1, wherein a photovoltaic layer of each of the solar cell elements has pn junctions or pin junctions of two or more layers.

7. (Original) A solar cell module comprising at least one power conversion unit having a plurality of solar cell elements arranged on a plane and a power converter, wherein the power converter is arranged in a position of minimizing a sum of all collecting losses when collecting a power generated by the solar cell elements to the power converter.

8. (Original) A solar cell module comprising at least one power conversion unit having a plurality of solar cell elements arranged on a plane and a power converter, wherein the solar cell elements respectively have a terminal member and the power converter is arranged in the closest position between the terminal members in a state of arranging the solar cell elements.

9. (Original) A solar cell module comprising at least one power conversion unit having a plurality of solar cell elements arranged on a plane and a power converter, wherein the solar cell elements respectively have a terminal member and the power converter is arranged in the closest position between the terminal members in a state of arranging the solar cell elements and in a position of minimizing a sum of all collecting losses when collecting the power generated by the solar cell elements.

10. (Original) A solar cell module comprising at least one power conversion unit having two adjacent solar cell elements and a power converter provided in a position corresponding to a region on the extension of a gap between the two adjacent solar cell elements.

11. (Original) The solar cell module according to claim 10, wherein at least two of the power conversion units are included and each power converter is electrically connected to a power converter of an adjacent power conversion unit.

12. (Original) The solar cell module according to claim 10, wherein outputs of the two adjacent solar cell elements are inputted to the power converters corresponding to the outputs, and the power converters convert the inputted outputs of the two adjacent solar cell elements and output the converted outputs.

13. (Original) A solar cell module comprising at least one power generation unit having a plurality of solar cell elements and a terminal box provided in a position corresponding to a region surrounded by all the solar cell elements to collect outputs of the solar cell elements.

14. (Original) The solar cell module according to claim 13, wherein at least two of the power generation units are included and each power generation unit is electrically connected to a terminal box of an adjacent power generation unit.

15. (Original) A solar cell module comprising at least one power generation unit having two adjacent solar cell elements and a terminal box provided in a position corresponding to a region on extension of a gap between the two adjacent solar cell elements to collect outputs of the two adjacent solar cell elements.

16. (Original) The solar cell module according to claim 15, wherein at least two of the power generation unit are included and each power generation unit is electrically connected to a terminal box of an adjacent power generation unit.